

IN THE CLAIMS:

Please cancel claim 4.

Please amend claims 1, 12, and 20 as follows:

1. (CURRENTLY AMENDED) A permeation barrier fuel module cover assembly for a fuel tank of a vehicle comprising:

a cover for a fuel module having a base wall, a raised portion extending axially from said base wall, and a skirt extending axially from said base wall opposite said raised portion; and

a fuel permeation barrier layer attached to said cover to cover a surface area solely inside of said skirt to retard permeation of fuel through said cover, said fuel permeation barrier layer being disposed between said base wall and said raised portion within said skirt.

2. (CANCELED) A permeation barrier fuel module cover assembly as set forth in claim 1 wherein said cover includes a base wall, a raised portion extending axially from said base wall, and a skirt extending axially from said base wall opposite said raised portion.

3. (CANCELED) A permeation barrier fuel module cover assembly as set forth in claim 2 wherein said fuel permeation barrier layer is disposed within said skirt.

4. (CANCELED) A permeation barrier fuel module cover assembly as set forth in claim 1 wherein said fuel permeation barrier layer is disposed between said base wall and said raised portion.

5. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 1 wherein said fuel permeation barrier layer is made from a material of one of a group comprising polyvinyl alcohol (PVOH), ethylene vinyl alcohol (EVOH), low carbon polyethylene (LCP), or polytetrafluoroethylene (PTFE).

6. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 5 including a blade terminal connected to said cover.

7. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 6 wherein said blade terminal is molded into said cover.

8. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 6 wherein said blade terminal extends through said cover.

9. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 1 wherein said fuel permeation barrier layer has a thickness of approximately 0.2 millimeters to approximately 2.0 millimeters.

10. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 1 including at least one fuel tube connected to said cover.

11. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 1 wherein said cover is made of a plastic material.

12. (CURRENTLY AMENDED) A permeation barrier fuel module cover assembly for a fuel tank of a vehicle comprising:

a cover for a fuel module having a base wall and a skirt extending axially from said base wall; and

a fuel permeation barrier layer attached to said cover inside of said skirt to cover a surface area solely inside of said skirt to retard permeation of fuel through said cover, said fuel permeation barrier layer being molded into said cover and disposed within said skirt.

13. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 12 wherein said fuel permeation barrier layer has a thickness of approximately 0.2 millimeters to approximately 2.0 millimeters.

14. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 12 including at least one fuel tube connected to said cover.

15. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 12 including a blade terminal connected to said cover.

16. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 15 wherein said blade terminal is molded into said cover.

17. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 15 wherein said blade terminal extends through said cover.

18. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 12 wherein said fuel permeation barrier layer is made from a material of one of a group comprising polyvinyl alcohol (PVOH), ethylene vinyl alcohol (EVOH), low carbon polyethylene (LCP), or polytetrafluoroethylene (PTFE).

19. (ORIGINAL) A permeation barrier fuel module cover assembly as set forth in claim 12 wherein said cover is made of a plastic material.

20. (CURRENTLY AMENDED) A permeation barrier fuel module cover assembly for a fuel tank of a vehicle comprising:

a fuel module cover having a base wall, a raised portion extending axially from said base wall and radially across said base wall, and a skirt extending axially from said base wall opposite said raised portion; and

a fuel permeation barrier layer molded into said fuel module cover and disposed between said base wall and said raised portion inside of within said skirt to cover a surface area solely inside of said skirt to retard permeation of fuel through said fuel module cover.
